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Process of and device for machining ball hubs

Abstract

A process machining inner joint parts 11 of constant velocity universal ball joints, which inner joint parts 11 comprise a longitudinal axis A and at least one guiding face by means of which the inner joint part 11 is continuously angularly movably guided in a ball cage, and which comprise a plurality of ball tracks 12 which are distributed around the circumference of the guiding face and which divide the guiding face into a corresponding plurality of guiding webs 13 and in which torque transmitting balls can be held so as to be longitudinally displaceable, wherein one ball track 12 and at least one guiding web 13 are machined simultaneously.

Figure 1a